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## FACSIMILE COVER SHEET

TO: Examiner Kevin Burd, Group 2611 FAX NO.: 571-273-3008

FROM: Mitchell D. Hirsch, Ph.D.; Registration No. 54,170

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

James A. Prector, Jr.

**Application No.:** 09/772,176

**Confirmation No.:** 1093

**Filed:** January 29, 2001

**For:** METHOD AND APPARATUS FOR  
DETECTING RAPID CHANGES IN  
SIGNALING PATH ENVIRONMENT

**Group:** 2611

**Examiner:** Kevin Burd

**Our File:** TAN-2-1508.01.US

**Date:** June 13, 2011

**COMMENTS:** Please see the attached sheet.

**NUMBER OF PAGES INCLUDING THIS COVER SHEET:** 2

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I hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office on June 13, 2011.

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Linette Elliott

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Date

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1617669-1

**June 13, 2010**

**Application No. 09/772,176**

**Our Docket No.: TAN-2-1508.01.US**

**Proposed Amendment for Interview with Examiner Kevin Burd,  
June 14, 2011, 3:00 PM**

1. (Currently Amended) A method for adapting to changes affecting a wireless signal comprising:

instantaneously detecting ~~a movement~~ motion of a communication device communicating the wireless signal or a movement of an external object in a signal path based on a measurement of a metric of a modulated signal attribute comprised of at least one of amplitude of the wireless signal, frequency of the wireless signal, or phase of the wireless signal;

selecting a parameter adjustment, based on the instantaneously detected ~~movement~~ motion, of at least one of: an antenna mode, a power level, a forward error correction (FEC) coding rate, a number of modulation symbols, and a data transfer rate; and

performing the parameter adjustment.

Independent Claims 21 and 42 to be amended in a corresponding manner.

Arguments will be presented that this amendment distinguishes over the cited references and is very well supported in the Applicants' specification.